

USDA Foreign Agricultural Service

GAIN Report

Global Agricultural Information Network

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Biofuels Overview – Update December 2015

Report Categories:

Biofuels

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Report Highlights:

Italy's biodiesel capacity stands at approximately 2 Million Metric Tons (MMT). Italian biodiesel operators include two categories: biodiesel producers and oilseed crushers. The latter produce pure vegetal oil for biofuels as well as the agro-food industry.

General Information:**Italy's Biofuels Overview – Update December 2015****Biodiesel**

Italy's biodiesel capacity stands at approximately 2 Million Metric Tons (MMT). Italian biodiesel operators include two categories: biodiesel producers and oilseed crushers. The latter produce pure vegetal oil for biofuels as well as the agro-food industry. Some of the oilseed crushers also engage in producing biodiesel. Biodiesel in Italy is produced mainly from imported rapeseed (40 percent), soybean (30 percent), and palm oil (25 percent). The remainder is made of recycled vegetable oils, sunflower oil, and animal fats. Rapeseed oil is mostly imported from EU countries (France, Germany, Czech Republic, and Romania), while soybean oil is either imported from the EU or domestically produced from imported beans. Palm oil is chiefly imported by Indonesia and Malaysia. Biodiesel in Italy is exclusively used in blends with traditional diesel for transport or diesel for heating.

Table 1: Italy's Leading Biodiesel Imports

Year Ending: December							
Partner Country	Unit	2012		2013		2014	
		USD	Quantity	USD	Quantity	USD	Quantity
World	T	1,602,879,629	1,320,467	1,593,817,629	1,431,060	704,297,438	690,079
Spain	T	332,081,083	270,641	662,188,659	596,490	258,098,151	249,860
Netherlands	T	311,494,302	234,095	268,279,503	212,719	139,280,598	136,367
Germany	T	66,752,599	48,668	122,921,874	95,561	101,697,696	89,865
Greece	T	-	-	33,807,125	32,766	70,736,807	90,307
Belgium	T	115,452,293	96,006	68,872,552	55,956	69,447,290	62,826
Austria	T	17,358,287	12,965	39,297,049	31,247	46,063,655	40,603
Slovenia	T	9,979,699	12,024	4,418,415	4,680	4,801,062	5,823
Albania	T	22,169,333	17,615	19,943	17	3,956,864	5,006
Romania	T	-	-	-	-	3,872,068	3,999
France	T	16,786,344	11,615	21,996,790	17,626	2,542,353	2,139
Czech Republic	T	435,051	335	7,795,409	6,502	2,220,396	2,028
Cyprus	T						

		-	-	2,975,457	2,893	1,073,940	1,075
Philippines	T	166,385	82	71,520	40	300,400	122
United Kingdom	T	10,631	1	186,993,070	206,911	90,370	14
Australia	T	-	-	-	-	58,948	25
Hungary	T	2,869,445	2,021	7,073	2	14,683	8
Sweden	T	2,749	-	2,491	-	532	-
Tunisia	T	24,910	21	-	-	-	-

Source: GTA (Global Trade Atlas)

Table 2: Italy's Leading Biodiesel Exports

Year Ending: December							
Partner Country	Unit	2012		2013		2014	
		USD	Quantity	USD	Quantity	USD	Quantity
World	T	1,264,551,158	1,167,468	848,439,086	845,795	648,555,559	645,046
Austria	T	306,722,833	288,919	231,724,871	223,910	221,662,046	229,880
Spain	T	695,456,971	652,922	356,725,564	373,763	213,202,325	219,084
Slovenia	T	136,540,714	126,905	189,865,351	183,626	83,379,379	79,759
France	T	38,707,693	28,261	46,964,393	44,818	77,374,876	67,758
Romania	T	3,646,958	2,755	81,309	32	36,042,411	32,974
Vatican City State	T	8,647,709	8,119	8,014,752	7,769	7,515,269	7,461
Greece	T	14,241,441	10,034	7,185,598	5,894	4,506,402	4,362
Netherlands	T	4,654,946	3,276	5,354,231	4,066	3,669,999	3,071
Switzerland	T	-	-	-	-	748,701	601
Albania	T	5,370,437	5,672	-	-	157,919	17
Tunisia	T	165,721	75	172,417	58	70,817	31

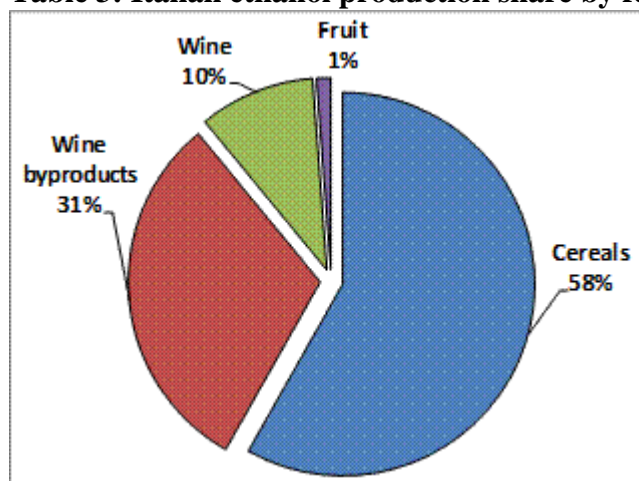
Turkey	T	-	-	-	-	68,112	30
Germany	T	271,627	223	196,510	124	57,671	-
Hong Kong	T	-	-	-	-	25,272	-
Croatia	T	-	-	-	-	21,722	5
Poland	T	-	-	16,257	5	21,329	6
Egypt	T	-	-	-	-	11,881	2
Belgium	T	-	-	2,853	1	8,444	3
Jordan	T	-	-	-	-	5,044	1

Source: GTA

Bioethanol

Italy's bioethanol capacity is approximately 215,000 MT per year. Cereals (corn and wheat), wine, and wine byproducts (wine pomace and dregs) are responsible for the majority of the Italian ethanol production. However, only a limited portion of the total output is fuel ethanol, while the remainder is destined to industrial chemicals.

Table 3: Italian ethanol production share by feedstock



Source: Italian Association of Distilling Companies (*Assodistil*)

Table 4: Italy's Leading Bioethanol Imports

Year Ending: December							
Partner Country	Unit	2012		2013		2014	
		USD	Quantity	USD	Quantity	USD	Quantity

World	T	421,566,113	349,316	293,097,529	269,838	148,878,247	156,532
France	T	133,869,409	102,278	106,338,034	88,541	55,768,012	57,399
Pakistan	T	2,137,156	2,086	10,187,671	10,899	13,454,990	14,745
Belgium	T	16,574,079	13,358	11,648,111	9,296	13,028,967	12,159
Egypt	T	35,708,480	39,801	26,830,107	30,533	12,007,754	14,531
Sudan	T	7,967,035	8,229	3,626,451	4,051	9,691,378	12,330
United Kingdom	T	2,137,984	1,663	8,846,661	7,140	9,603,871	9,692
Bolivia	T	-	-	11,362,517	13,813	6,143,263	7,345
Hungary	T	2,205,070	2,066	2,265,353	1,971	5,965,301	7,138
Spain	T	148,116,981	113,862	60,603,242	60,754	5,823,069	7,705
Germany	T	9,566,524	7,699	5,269,080	3,901	3,947,700	3,028
Peru	T	-	-	-	-	2,473,656	2,362
Bulgaria	T	4,134,488	3,688	2,399,455	2,198	1,945,986	1,521
Romania	T	21,148,028	21,786	20,551,763	19,259	1,897,611	2,531
Switzerland	T	113,869	5	112,935	5	1,761,075	1,269
Netherlands	T	3,783,926	2,936	5,636,134	4,246	1,369,928	1,194
Slovakia	T	2,495	2	6,675,820	5,543	969,909	778
Ukraine	T	677,748	45	859,985	54	915,208	50
Japan	T	444,388	5	556,066	6	722,995	8
Brazil	T	346,613	27	560,032	38	579,318	36

Source: GTA

Table 5: Italy's Leading Bioethanol Exports

Year Ending: December							
Partner Country	Unit	2012		2013		2014	
		USD	Quantity	USD	Quantity	USD	Quantity
World	T	54,608,642	31,796	77,804,254	42,840	51,427,929	34,852

Spain	T	19,813,387	10,418	38,244,817	16,144	25,188,726	15,666
France	T	18,402,688	11,105	18,325,673	11,946	11,900,926	9,508
Greece	T	3,025,146	1,366	3,094,782	1,145	3,707,728	1,234
Netherlands	T	205,991	74	2,021,178	2,594	2,668,890	4,006
Germany	T	3,550,482	2,731	2,928,128	2,151	2,283,085	1,512
United States	T	701,566	354	1,520,436	709	1,260,925	675
Switzerland	T	539,723	272	487,266	219	915,686	418
Finland	T	43,644	26	774,875	324	677,602	299
Austria	T	1,248,265	1,031	1,244,058	1,113	670,530	505
Vatican City State	T	262,614	116	306,930	165	471,346	204
Senegal	T	288,522	178	284,382	181	241,757	162
United Kingdom	T	210,496	85	321,147	114	231,518	84
Lithuania	T	-	-	-	-	223,507	99
Belgium	T	21,592	11	39,972	18	149,694	69
Slovenia	T	458,904	353	164,351	128	143,891	113
Sweden	T	232,560	86	5,652,061	4,391	135,844	50
Moldova	T	60,690	22	319,315	88	117,348	43
Malta	T	13,282	8	80,124	43	97,888	45
Poland	T	2,145	-	12,787	3	71,289	24

Source: GTA

Associations

Assocostieri (Italian Association of Biodiesel Producers)

Address: Via di Vigna Murata, 40 - 00143 Rome

Phone: +39 06 5004658

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Assodistil (Italian Association of Distilling Companies)

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Website: <http://www.assodistil.it/>

Abbreviations and definitions used in this report

Biodiesel: Fatty acid methyl ester produced from agricultural feedstock (vegetable oils, animal fat, recycled cooking oils) used as transport fuel to substitute for petroleum diesel.

HS Codes: 27102011; 38260010; 38260090

Bioethanol: Ethanol produced from agricultural feedstock used as transport fuel

HS Codes: 2207; 29091910

HS: Harmonized System of tariff codes

MMT: Million Metric Tons

MT: Metric ton (1,000 kg)

1 MT Biodiesel 1,136 liters

1 MT Ethanol 1,267 liters